

# PATENT ABSTRACTS OF JAPAN

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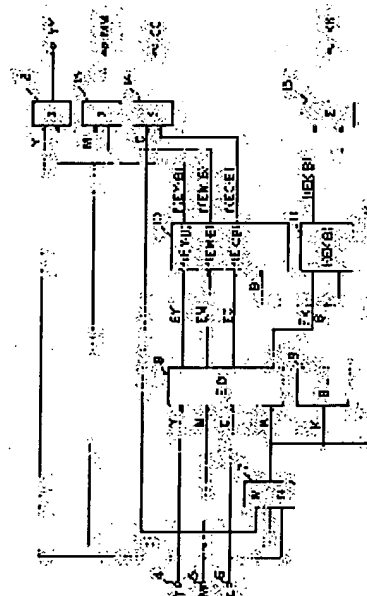
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## (54) COLOR PICTURE PROCESSOR

### (57)Abstract:

**PURPOSE:** To eliminate color mis-alignment by increasing the rate of background color eliminating the edge part of a color picture and the quantity of black color and emphasizing the edge so as to make characters in the scene in an intermediate tone color picture and the detail of the shadow clear.

**CONSTITUTION:** Each color signal decomposing a color picture signal is fed in parallel with signal adder sections 12~14, a minimum value detecting section 7 and an edge detection section 8 from input terminals 4~6. A black color signal of a minimum density of each digital color signal is calculated by the detection section 7 and the result is added to the detection section 8 and a black level detection section 9. The detection section 9 calculates the black density level proportional to the density of the black color signal and the level is fed to function converting sections 10, 11 together with the output of the detections section 8. Then an output of a converting section 10 is fed to the adder sections 12~13, where the said output is added to each color signal, an output of the converting section 11 and the black quantity from the detection section 7 are added by a signal adder section 15 so as to make characters in different color in the intermediate color picture and the detailed part of the shadow part clear, thereby preventing color mis-alignment.



## LEGAL STATUS

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**Family list****8 family members for:****JP61001171**

Derived from 4 applications.

Back to JP61001171**1 EINRICHTUNG UND VERFAHREN ZUR FARBBILDVERARBEITUNG**Publication info: **DE3521259 A1** - 1985-12-19**DE3521259 C2** - 1990-02-15**2 COLOR FACSIMILE**Publication info: **GB2162716 A** - 1986-02-05**GB2162716 B** - 1988-05-18**GB8515112D D0** - 1985-07-17**3 COLOR PICTURE PROCESSOR**Publication info: **JP2677283B2 B2** - 1997-11-17**JP61001171 A** - 1986-01-07**4 Color image processing apparatus**Publication info: **US4700399 A** - 1987-10-13

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